Index to Volume VIII

Abies bracteata, 349
  religiosa, 348, 349
Abralia astrosticta, 365
Acanthaster, 259
  planci, 259
Acanthomysis alaskensis, 131–134, 136
  borealis, 133–136
  costata, 133–135
  davisi, 133–134, 138
  mitsukurii, 133
  nephrophthalma, 138
  pseudomacropsis, 131
  sculpta, 129, 131, 133, 136
  sculpta var. *nuda*, 138
  stelleri, 133–134
Acanthophora, 375
  spicifera, 456
Acetabularia, 375
  caliculus, 396
  moebii, 397
Achras sapota, 181
Acrocarpus capitatus, 424
  intricatus, 423
Acrochaetium gracile, 412–414
  lauterbachii, 414
  occidentale, 412–414
  robustum, 412–414
  sancti-thomae, 412
  sargassicola, 414
  subseriatum, 412–414
Acrocystis nana, 376, 461
Actinometra gracilis, 248
  maculata, 249
  robustispinna, 249
Actinotrichia, 375
  fragilis, 416
  rigida, 416
ADACHI, MARIAN S. and D. ELMO HARDY:
  Fruit Flies of the Philippines, Indonesia and Malaya. Part I. Dacini, 147–204
Adocia cinerea, 337
  gellindra, 337
aholehole, 3
  food of, 3–10
Alecto bennettii, 248
  palmata, 249
  parvicirra, 249
Alphitonia excelsa, 143
  ponderosa, 143
Amansia jungermannioides, 461
Amblyceraeus luteus, 219
Americanus giganteus, 344, 345
Americus gigantea, 343, 345, 351
Amphiroa foliacea, 374, 430
  fragilissima, 430
Anadyomene, 374, 375, 376
  wrightii, 390
Anous minutus marcusi, 89, 92
  stolidus, 85, 88
  stolidus pileatus, 92
Antecaridina, 368
Antedon protectus, 249
  spicata, 249
Antithamnion antillanum, 444
  lherminieri, 444
  sp., 443
Apodemus agrarius, 12, 14, 16, 17, 18, 22
  speciosus, 14, 17, 22
Araeosoma, 243
Archaster typicus, 254
Archeomysis grebnitzkii, 125, 126
  maculata, 126
Ardea purpurea, 89, 93
Areca
  catechu, 162, 166
  sapida, 37
Arenaria interpres interpres, 93
Argemone alba var. *glauca*, 144
  mexicana, 144
Artocarpus dadah, 181
  integra, 165, 166, 185, 191
  integrifolia, 185
  polyphema. 181, 185
Asparagopsis taxiformis, 414
Asperococcus orientalis, 404
Asterias carinifera, 258
  cephea, 258
  exigua, 258
  laevigata, 258
  milleporella, 255
  nodosa, 254
  planci, 259
Asterina, 258
  cephea, 258
Asterocytis ornata, 367, 411
Asterope, 258
  carinifera, 258
Astropyga, 244
Australian Species of *Poecilocryptus* Cameron (Ichneumonidae: Hymenoptera), 239–242
Averrhoa bilimbi, 166
  carambola, 165, 166, 191
Avicennia marina var. *resinifera*, 37
  officinalis, 37
  resinifera, 37
Avrainvillea, 375, 376
  erecta, 395
  lacerata, 367
Baccaurea angulata, 165, 166, 191
  motleyana, 172
Bacillaria, 6
BANNER, ALBERT H.:
  New Records of Mysidacea and Euphausiacea from the Northeastern Pacific and Adjacent Areas, 125–139
Bassogigas, 79
Benicasa cerifera, 165, 191
BERNER, LEO D.:
  On the Previously Undescribed Aggregate Form of the Pelagic Tunicate *Ritteriella picteti* (Apstein) (1904), 121–124
Bibliographic Notes on G. Forster's "De plantis esculentis insularum oceani australis" (1786), 35–40
Bidens cosmoides, 143
Biphora africana, 300
  confoederata, 317
  democratica, 323
  depressa, 297
  maxima, 300

mucronata, 323
pinnata, 283
punctata, 295
tricuspidata, 297
zonaria, 326
Boergesenia forbesii, 376, 388
BOLIN, ROLF L.:
Report on a Fatal Attack by a Shark, 105–108
Boodlea, 374
composita, 390
Boreomysis kincaidi, 138
nobilis, 125
Bornetella, 375
capitata, 396
nitida, 396
oligospora, 396
sphaerica, 396
Bostrychia radicans, 452
Brachytrichia maculans, 379, 380
quoyi, 379, 380
Brissus brissus, 245
latecarinatus, 245, 254
BROCK, VERNON E.:
Some Aspects of the Biology of the Aku, *Katsuwonus pelamis*, in the Hawaiian Islands, 94–104
BROCK, V. E. *et al.*:
Fishes Killed by the 1950 Eruption of Mauna Loa I. The Origin and Nature of the Collections, 23–27
Brooksia, 276, 293
rostrata, 280, 281, 293–295
Brotula, 70, 81
multibarbata, 82
Broussaisia pellucida, 143
Bryopsis furcellata, 395
pennata, 367, 393
Bulweria bulweri bulweri, 90
Caesalpinia Bonduc, 144
Bonducella, 144
Caesaromysis vanclevei, 138
Calappa hepatica, 209–217
Calidris acuminata, 93
ferruginea, 90
Callithamnion, 375
sp.?, 444
Caloglossa, 376
adnata, 451
Calophyllum inophyllum, 154
Calothrix aeruginea, 379
contarenii, 379, 380
pilosa, 379
Canangium odoratum, 162, 166
Cancer oculatus, 126
Canthium odoratum, 145
Capparis sandwichiana, 145
Capsicum annuum, 166
Carcharodon carcharias, 108
Carnavalia ensiformis, 142
galeata, 142
Carpopeltis formosana, 436
Cataetyx, 69, 81
hawaiiensis, 69, 71–73, 76–78, 82
laticeps, 76, 78
messieri, 76, 78
rubirostris, 76, 78
Catenella, 376
nipae, 443
Catharacta skua, 89, 93
Caulerpa ambigua, 392
fastigiata, 392
racemosa var. *macrophysa*, 392, 393
serrulata, 367, 374, 392, 393
verticillata, 392
Caulinia ovalis, 376
Centroceras clavatum, 446
Ceramiella huysmansii, 446
Ceramium, 375
aduncum, 448
byssoideum, 448
clarionense, 446, 448
clavulatum, 446
cruciatum, 448
equisetoides, 450
fimbriatum, 446
gracillimum var. *byssoideum*, 446, 448
huysmansii, 375, 446
maryae, 446, 448
masonii, 448
mauritianum, 450
mazatlanense, 446, 448
procumbens, 446, 448
taylorii, 375, 446
Ceratodictyon, 374
spongiosum, 438
Cetorhinus maximus, 108
Chaetomorpha, 375
aerea, 386
antennina, 375, 384, 386, 412
crassa, 384, 386
indica, 384, 386
javanica, 384
torulosa, 386
Chamaecyparis nootkatensis, 350
Champia compressa, 443
parvula, 443, 450
vieillardii, 443
Charpentiera ovata, 143
Chauvinia macrophysa, 393
Chondria, 375
baileyana, 460
dangeardii, 460
obtusa var. *paniculata*, 458
parvula, 443
platyclada, 460
repens, 460
Chondroclonium cornutum, 436
Chnoospora implexa, 404
obtusangula, 405
pacifica, 375, 398, 405
Chrysophyllum cainito, 166
Cidarites imperialis, 249
metularia, 249
Citrus aurantifolia, 201
Cladophora, 375
albida, 386
anastomosans, 390
composita, 390
inserta var. *ungulata*, 386, 388
mauritiana var. *ungulata*, 388
patentiramea f. *longiarticulata*, 386, 388
perpusilla, 386, 387
Cladophoropsis herpestica, 388
membranacea, 390
Cladosiphon frappieri, 414
CLARK, AUSTIN H.:
Records of Indo-Pacific Echinoderms, 243–263

Clethrionomys rufocanus, 12, 17
Clorodesmis hildebrandtii, 394
Clunio littoralis, 6, 8
Clypeaster, 252
latissimus, 252
reticulatus, 252
Cocos nucifera, 37, 86
rubra, 37
Codium, 374
geppii, 395
Colobocentrotus, 244, 252
atratus, 244, 252
meriensi, 244, 252
pedifer, 244, 252
Colpomenia, 374, 375
sinuosa, 402
Comantheria polycnemis, 248
Comanthus, 248
bennettii, 248
parvicirra, 249
samoana, 249
Comaster, 248
gracilis, 248
Comatella, 249
maculata, 249
Compsopogon, 5
Conferva albida, 386
antennina, 386
clathrata, 384
crassa, 386
herpestica, 390
intertexta, 452
membranacea, 390
ornata, 411
Convolvulus chrysorhizus, 37
Corallina decussato-dichotoma, 430
fragillissima, 430
opuntia, 395
ungulata f. *brevior*, 430
Corallopsis opuntia, 438
Cordia subcordata, 142
Cordyline indivisa, 38
Coriaria sarmentosa, 38
Coriopsis cosmoides, 143
COX, DOAK C.:
Research in Ground-Water Hydrology in Hawaii, 230–233
Crataeva religiosa, 38
Cucurbita maxima, 165, 191, 194
Culcita, 244, 254
novae-guineae, 254
Cupressus nootkatensis, 350
Cyclosalpa, 276, 282
affinis, 280, 281, 284
bakeri, 277, 280, 281, 283, 286
dolicosoma-virgula, 286
floridana, 277, 280, 281, 286, 287
komaii, 276, 290
pinnata, 280, 281, 283, 287
pinnata var. *polae*, 283
polae, 283
retracta, 121, 307, 308
virgula, 276, 289, 290
Dacini, index to generic and infrageneric categories, 203
Dagysa notata, 314
strumosa, 314
Dardanus asper, 30, 33
Dasya pedicellata, 451
Dasyopsis pilosa, 451
DAWSON, E. YALE:
Marine Plants of Nha Trang, 373–469
Decapodous Cephalopod Mollusks from the Marshall Islands, 363–366
DELAUBENFELS, M. W.:
Occurrence of Sponges in an Aquarium, 377–340
Delesseria adnata, 451
Derbesia attenuata, 390
neglecta, 392
Dermonema frappieri, 375, 414
gracilis, 414
Development of the Spermatophoric Mass of the Rock Lobster, *Parribacus antarcticus* (Lund), 28–34
Diadema, 250
paucispinum, 250
setosum, 250
Dianella ensifolia, 143
sandwicensis, 143
Diasterina, 258
spinulifera, 258
Dichonema erecta, 395
Dictyosphaeria, 374, 376
australis, 388
cavernosa, 388
favulosa, 388
setchellii, 388
vanbosseae, 388
versluysii, 388
Dictyota dichotoma, 401
friabilis, 401
patens, 401
variegata, 400
Dinematichthys, 69, 81
Diomedea immutabilis, 87, 90
nigripes, 85, 87, 90
Dioscorea bulbifera var. *sativa*, 142
sativa, 142
Diplacanthopoma, 69, 70, 81
alcocki, 75, 82
brachysoma, 75, 76, 82
brunnea, 70, 75, 82
jordani, 70, 75, 82
nigripinnis, 75, 82
raniceps, 75, 82
rivers-andersoni, 69, 71–76
sp., 71–73, 75–77
Diplanthera uninervis, 376
Distribution of the Algal Genera *Rhipilia* and *Sargassum* in the Central Pacific, 367–368
Dodonaea eriocarpa var. *obtusior*, 145
viscosa, 145
DOTY, MAXWELL S.:
Distribution of *Rhipilia* and *Sargassum* in the Pacific, 367–368
Dracaena indivisa, 38
Dracontomelum dao, 165, 174, 191
Dubreuillia cirrhosa, 324
Echinocaulon acerosum, 422
myriocladum, 422
Echinocyamus, 253
megapetalus, 253
Echinometra lucunter, 245
mathaei, 251
mathaei var. *oblonga*, 251
oblongus, 251
setosa, 250

Echinoneus, 253
cyclostomus, 253
Echinostrephus, 251
aciculatus, 251
Echinothrix, 250
calamaris, 250
diadema, 250
Echinus atratus, 252
calamaris, 250
diadema, 250
globulus, 250
gratilla, 250
mammillatus, 252
mathaei, 251
ovulum, 253
pedifer, 252
reticulatus, 252
spatangus, 254
trigonarius, 252
Ectocarpus breviarticulatus, 375, 398
indicus, 400
irregularis, 398
mitchellae, 398, 400
Egretta sp., 93
Encoelium clathratum, 403
Enoplometopus occidentalis, 115–119
Enteromorpha, 375
clathrata, 383, 384
intestinalis, 383
intestinalis var. *tubulosa*, 384
kylinii, 383, 384
prolifera, 384
tubulosa, 383, 384
Entocladia viridis, 388
Entophysalis conferta, 377, 379
Erythrina monosperma, 144
sandwicensis, 144
Erythrotrichia parietalis, 412
Euchaetomeropsis pacifica, 138
Eucidaris, 249
metularia, 249
Eudistylia polymorpha, 59
vancouveri, 59
Eugenia jambos, 166
javanica, 165, 191
malaccensis, 142, 166
Euplana, clippertoni, 333
concolor, 333
tropicalis, 331–333
Euprymnea morsei, 364
scolopes, 364
stenodactyla, 363, 364
Eurypleta affinis, 219
Euschöngastia ikaoensis, 12, 14
koreaensis, 12, 14–15
Falkenbergia hillebrandii, 414
Felisacus amboinae, 42, 45, 49
auritulus, 49
carpenterae, 49
crassicornis, 48
elegantulus, 41, 42, 45, 47, 49
elegantulus var. *filicicola*, 44
filicicola, 42, 44, 46, 49
glabratus, 49
jacobsoni, 47, 49
longiceps, 48, 49
madagascarensis, 49
magnificus, 42, 48, 49
nigricornis, 47, 49
ochraceus, 42, 46, 49
philippinensis, 42, 48, 49
pulchellus, 48, 49
usingeri, 42, 47, 49
Ferdina, 255
offreti, 255
Fibularia, 253
australis, 253
ovulum, 253
Ficus aspera, 38
granatum, 38
Fishes Killed by the 1950 Eruption of Mauna Loa I. The Origin and Nature of the Collections, 23–27
Fishes Killed by the 1950 Eruption of Mauna Loa II. Brotulidae, 68–83
Food of the Aholehole, *Kuhlia sandvicensis* (Steindachner), in Hawaiian Waters, 3–10
Fosliella farinosa, 425
paschalis, 425
Fregata aquila, 89
minor minor, 89
Freycinetia arborea, 142
Fromia, 255
balansae, 255
hemiopla, 255
milleporella, 255
monilis, 255
pacifica, 255
Fucus acerosa, 422
crinalis, 420
filamentosus, 444
filicinus, 432
fragilis, 416
miniatus, 424
papillosus, 458
pusillus, 420
serrulatus, 393
spiciferus, 456
turbinatus var. *ornatus*, 405
valentiae, 436
verrucosus, 438
Gadus macrocephalus, 128, 131, 137
Gabrliepia brennani var. *ventralis*, 11, 12, 13
saduski, 14
Garcinia dulcis, 158
laueana, 183
Galaxaura, 374
fasciculata, 416, 419
fastigiata, 416, 419
filamentosa, 416, 419
magna, 417
vietnamensis, 374, 416–418
Gelidiella, 375
acerosa, 375, 422
adnata, 422
myrioclada, 422
pannosa, 422
tenuissima, 422
Gelidiopsis intricata, 423
Gelidium crinale, 419, 420
crinale var. *perpusillum*, 421
divaricatum, 420, 421
pannosum, 422
pseudo intricatum, 421
pulchellum, 420, 421
pusillum, 376, 419, 420, 450

Geranium cuneatum, 143
humile var. *kauaiense*, 143
Gigantabies taxifolia, 343, 346
Wellingtonia, 344, 346, 347, 356
Gigartina intermedia, 443
Gnetum gnemon, 177
Gomophia, 255
egyptica, 255
Goniolithon frutescens, 367
myriocarpum, 428
Goniotrichum humphreyi, 412
GOSLINE, WILLIAM A.:
Fishes Killed by the 1950 Eruption of Mauna Loa II. Brotulidae, 68–83
GOSLINE, W. A. *et al.*:
Fishes Killed by the 1950 Eruption of Mauna Loa I. The Origin and Nature of the Collections, 23–27
Gossypium tomentosum, 144
Gracilaria, 375
confervoides, 438
corticata, 439
crassa, 374, 438
eucheumoides, 375, 438
lingula, 439
verrucosa, 438, 439
Gracilariopsis rhodotricha, 439
sp., 440
Grateloupia, 375
filicina, 432
ramosissima, 432
Griffithsia argus, 444
metcalfii, 450
ovalis, 450
tenuis, 450
Gygis alba, 88
alba candida, 92
Gymnogongrus, 375
flabelliformis, 440
japonicus, 440, 441
pygmaeus, 440
serenei, 440, 441
tenuis, 443
Gymnophloea gracilis, 414
Haliclona permollis, 337
Halicystis, 375
pyriformis, 388
Halimeda, 375
gracilis, 396
opuntia, 395
Halobates, 8
Halophila beccarii, 376
ovalis, 376
ovata, 376
Halymenia, 374
dilatata, 433
maculata, 433
HAND, CADET:
Three Pacific Species of "Lar" (Including a New Species), Their Hosts, Medusae, and Relationships (Coelenterata, Hydrozoa), 51–67
HARDY, D. ELMO and MARIAN S. ADACHI:
Fruit Flies of the Philippines, Indonesia and Malaya. Part I. Dacini, 147–204
Helicosalpa, 276, 288
komaii, 277, 280, 281, 288, 290–292
virgula, 280, 281, 288–290, 292
Herposiphonia insidiosa, 452
tenella, 452
Heterocentrotus, 245, 252
mammillatus, 245, 252
trigonarius, 245, 252
Heteromysis intermedia, 128
Hibiscus Arnottianus, 143
Kokio, 143
tiliaceus, 142
waimeae, 143
Youngianus, 143
Hildenbrandia, 376
prototypus, 424
Hillebrandia sandwicensis, 143
Himerometra, 249
robustispinna, 249
Homarus americanus, 115
Hormothamnion enteromorphoides, 378, 379
solutum, 378, 379
Hutchinsia glomerulata, 452
obscura, 451
tenella, 452
Hyaloscytus elegantus, 42
Hyaloteuthis pelagicus, 365
Hydrichthys, 63
Hydroclathrus, 374
clathratus, 403
Hydrocoleum lyngbyaceum, 379, 380
Hydrolithon reinboldii, 425
HYMAN, LIBBIE H.:
The Polyclad Genus *Pseudoceros*, 219–225
Polyclad Flatworms from Hawaiian Islands, 331–340
Hypnea, 374, 375
boergesenii, 434, 436
cervicornis, 434, 437
charoides, 436
cornuta, 434, 436
esperi, 412, 434, 436
nidulans, 436, 438
valentiae, 434, 436
Hypoglossum, 375
attenuatum, 451
spathulatum, 451
Hypolepis muelleri, 44
Iasis, 276, 326
cylindrica, 305
zonaria, 280, 281, 326–328
Ichthyocodium, 63
Iblea, 276, 295
asymmetrica, 295–297
magalhanica, 280, 282, 295
punctata, 281, 295–297
Inocarpus edulis, 171
Investigation of Hematochrome Accumulation in the Alga *Phycopeltis hawaiiensis* n. sp., 205–208
Ipomea, 86
acetosaefolia, 141
batatas, 37, 142
cairica var. *hederacea*, 143
congesta, 143
insularis, 143
palmata, 143
pes-caprae, 86, 144
stolonifera, 144
Isurus glaucus, 108
JAMESON, E. W. JR. AND SEIICHI TOSHIOKA:
Notes on Some Chiggers (Acarina: Trombiculidae) from Southern Korea, 11–27
Jania capillacea, 430, 432

decussato-dichotoma, 430
longiarthra, 430, 431
ungulata f. *brevior*, 430
Jasis hexagona, 313
polycratica, 326
tilesii, 315
zonaria, 326
Jasus lalandii, 115
Katsuwonus pelamis, 94, 234
KING, JOHN W.:
Hematochrome Accumulation in *Phycopeltis hawaiiensis* n. sp., 205–208
Kotimea moorei, 339
tethya, 338
Kuhlia sandvicensis
food of, 3–10
KURODA, NAGAHISA:
Report on a Trip to Marcus Island with Notes on the Birds, 84–93
Kylinia dubosquii, 412
pulchellum, 412
Laganum, 253
lesueuri, 253
depressum, 253
Lagenaria leucantha, 165, 191
vulgaris, 191
Lamna ditropis, 108
Lamprometra, 249
palmata palmata, 249
Lar sabellarum, 51, 64
Larus argentatus vegae, 93
Laurencia, 375
articulata, 456, 458
baileyana, 460
brachyclados, 458
corymbosa, 456, 458
obtusa var. *densa*, 456, 458
paniculata, 456, 458
papillosa, 456, 458
parvipapillata, 456, 458
pygmaea, 456, 458
tenera, 458
Lepidium oleraceum, 38
piscidium, 38
Leucosolenia eleanor, 339
Leveillea jungermannioides, 461
Liagora, 374
ceranoides, 415, 416
divaricata, 415
farinosa, 415
formosana, 415
orientalis, 415
Linckia guildingii, 245
laevigata, 258
multifora, 257
pauciforis, 255
pustulata, 256
Liocoris, 42
Lipochaeta australis, 144
connata, 144
profusa, 144
Lithoporella, 375
pacifica, 428
Lithophyllum affine, 427
andrussowii, 427
fasciculatum, 427
kaiserii, 427
okamurai, 427
pallescens, 427
racemus, 427
reinboldii, 425
samoense, 427
trichotomum, 426
Lithothamnion myriocarpum, 428
trichotomum, 426
Lithothamnium erubescens var. *subflabellatum*, 426
Loligo oualaniensis, 365
Lophosiphonia obscura, 451
subadunca, 452
villum, 451
Luciobrotula, 79
Luffa acutangula, 152, 165, 191
cylindrica, 165, 191
Lycium sandwicense, 144
Lyngbya, 375
aestuarii, 379, 380
confervoides, 379, 380
majuscula, 379, 380
Lysimachia daphnoides, 143
Hillebrandi, 143
Maba major, 38
Macrozanonia macrocarpa, 187
Mangifera foetida, 181
pinnata, 39
Marcus Island, Report on a Trip to, 84–93
Maretia, 254
ovata, 254
Marine Plants in the Vicinity of the Institut Océanographique de Nha Trang, Viêt Nam, 373–469
MATTHEWS, DONALD C.:
The Development of the Spermatophoric Mass of the Rock Lobster, *Parribacus antarcticus* (Lund), 28–34
The Origin and Development of the Spermatophoric Mass of a Nephropsid Lobster, *Enoplometopus occidentalis* (Randall), 115–120
Melobesia farinosa, 425
pacifica, 428
MERRILL, E. D.:
Bibliographic Notes on G. Forster's "De plantis esculentis insularum oceani australis" (1786), 35–40
Mesocaris, 368
Mesospora, 374
schmidtii, 400
Mesothamnion caribaeum, 444
Mespilia, 250
globulus, 250
Messerschmidia argentea, 86
Metalia, 253
dicrana, 254
spatagus, 254
sternalis, 254
Metcalfina, 276, 312
hexagona, 281, 282, 312–314
Metopograpsus messor, 209–217
Metrosideros Collina var. *glaberrima*, 142
polymorpha, 142
Micranous marcusi, 87
Microbrotula, 69, 81
rubra, 69
Microtus montebelloi, 16, 17, 20, 22
sp., 14
Misakia typica, 63, 65
Momordica charantia, 165, 185, 191, 198
cochinchinensis, 162, 191, 198

Monobrachium, 63
Monospora indica, 450
MOORE, H. L., *et al.*:
Fishes Killed by the 1950 Eruption of Mauna Loa I. The Origin and Nature of the Collections, 23–27
Morinda citrifolia, 142
Musa acicularis, 39
acuminata, 39, 226
balbisiana, 39, 226
coarctata, 39
coriacea, 39
corniculata, 40
dorsata, 40
exsucca, 40
fatua, 40
fehi, 39, 226
granulosa, 40
lunaris, 40
mensaria, 40
papillosa, 40
paradisiaca, 39, 226
pumila, 40
punctata, 40
purpurascens, 40
regia, 40
sapientum, 39, 226
tetragona, 40
troglodytarum, 39, 226
Myotis lucifugus, 20
Mysidella americana, 138
Mysis awatschensis, 128
oculata, 126–128
rayii, 128
relicta, 127, 128
Myxicola, 59
Myxocephalus, 70
Nardoa, 255
frianti, 256
mollis, 255
pauciforis, 255
Neobythites, 79
Neogoniolithon myriocarpum, 428
Neomeris, 374
annulata, 396
sphaerica, 396
Neomonospora indica, 451
pedicellata var. *tenuis*, 450
Neomysis awatschensis, 128–130, 135
franciscorum, 131
intermedia, 128–130
isaza, 128
kadiakensis, 128
mercedis, 128–130
nigra, 128
pseudomacropsis, 131
rayi, 128, 131, 133, 135
sculpta, 131
Neothunnus macropterus, 115, 234
Nephelium lappaceum, 181
New Records of Mysidacea and Euphausiacea from the Northeastern Pacific and Adjacent Areas, 125–139
Notes on Banana Varieties in Hawaii, 226–229
Notes on Some Chiggers (Acarina: Trombiculidae) from Southern Korea, 11–22
Nudiclava, 63
Numenius phaeopus variegatus, 89, 93
Objective Estimates of Hawaiian Rainfall, 264–275
Observations on the Oxygen Consumption of Certain Marine Crustacea, 209–218
Occurrence of Sponges in an Aquarium, 337–340
Oceanodroma castro (or *leucorhoa*), 84
furcata furcata, 90
tristami (or *matsudairae*), 84
Ochotona hyperborea, 19
Oculospinus brevis, 76
Ommastrephes oualaniensis, 365
pelagicus, 365
On the Distribution of the Big-Eyed Tuna, *Parathunnus sibi*, in the Tropical Eastern Pacific Ocean, 234–235
On the Genus *Felisacus* Distant (Heteroptera; Miridae; Bryocorinae), 41–50
On the Previously Undescribed Aggregate Form of the Pelagic Tunicate *Ritteriella picteti* (Apstein) (1904), 121–124
Oocystis, 6
Ophiactis, 259
savignyi, 259
Ophiarachna infernalis, 261
gorgonia, 261
spinosa, 261
Ophiarachnella, 261
infernalis, 261
gorgonia, 261
Ophiarthrum, 261
elegans, 261
pictum, 261
Ophidiaster, 256
granifer, 256
perplexus, 256
pustulatus, 256
squameus, 257
Ophiocoma, 260
anaglyptica, 260
brevipes, 260
erinaceus, 260
pica, 260
picta, 261
schoenleinii, 260
scolopendrina, 260
Ophiocomella, 260
clippertoni, 260
Ophiolepis, 262
cincta, 262
imbricata, 262
savignyi, 259
Ophiomastix, 261
annulosa, 261
bispinosa, 261
mixta, 261
notabilis, 261
Ophionereis, 259
porrecta, 259
Ophiopezella, 261
spinosa, 262
Ophioplocus, 262
imbricatus, 262
Ophiothrix, 259
demessa, 259
longipeda, 259
picteti, 259
propinqua, 259
trilineata, 259
Ophiura, 262
annulosa, 261
kinbergi, 262

longipeda, 259
scolopendrina, 260
Opius angaleti, 152, 165, 185, 191
fletcheri, 165, 174
incisi, 166, 172, 181
longicaudatus, 147, 165, 166, 174
longicaudatus malayensis, 166, 181
makii, 166, 191
manii, 181
oophilus, 147, 166
skinneri, 174, 181
vandenboschi, 147, 165, 166
Origin and Development of the Spermatophoric Mass of a Nephropsid Lobster, *Enaplometopus occidentalis* (Randall), 115–120
Orthocoela pinnata, 283
Oscarella tenuis, 339
Oscillatoria margaritifera, 379, 380
nigro-viridis, 379, 380
Ostreobium reineckei, 396
Othilia, 258
luzonica, 258
Pachycrepoideus dubius, 165, 166, 174
Padina, 374
commersonii, 401
Palmella conferta, 379
Panulirus argus, 28, 115
interruptus, 28, 115
penicillatus, 28, 33, 115, 118
Paraplanocera oligoglena, 333
Parasalenia, 251
pöhlii, 251
Parathunnus mebachi, 234
sibi, 234, 235
Parribacus antarcticus, 28–34, 115
PARROTT, ARTHUR W.:
Australian Species of *Poecilocryptus*, 239–242
Patiriella, 258
exigua, 258
Pegea, 276, 317
confoederata, 278, 280, 282, 317–319
octofora, 317
Pentaceraster, 244
Peronella, 253
lesueuri, 253
PETTERSSON, HANS:
Results from the Swedish "Albatross" Cruise, 359–362
Peyssonelia calcea, 425
gunniana, 424
rubra var. *orientalis*, 424
Phaëthon lepturus dorothea, 90
rubricaudus rothschildi, 90
Phormidium corium, 379, 380
Photocryptus, 239
Phycopeltis hawaiiensis, 205–208
Phyllacanthus, 249
imperialis, 249
Phymodius ungulatus, 209–217
Pinus religiosa, 349
Pisonia grandis, 86
Pittosporum acuminatum, 145
confertiflorum, 145
glabrum, 145
Planocera crosslandi, 336
hawaiiensis, 331
pacifica, 333–336
tridentata, 336
Platypodia granulosa, 209–217
Plectronia odorata, 145
Pluvialis dominicus fulvus, 90
Pochella polynema, 64
Pocockiella variegata, 400
Podophthalmus vigil, 209–217
Poecilocryptus, 239
inflexa, 239, 240
nigripectus, 239, 240
nigromaculatus, 239–241
nigromaculata var. *straminea*, 240, 241
straminea, 240, 241
Poecilopimpla, 239
nigromaculata, 240
Polyclad Genus *Pseudoceros*, with Special Reference to the Indo-Pacific Region, 219–225
Polysiphonia, 375
coacta, 456
forcipata, 453
fragilis, 452
hillebrandii, 414
insidiosa, 452
obscura, 451
perpusilla, 451
reptabunda, 452
snyderae, 454
subtillissima, 454
tongatensis, 454
villum, 451
Porolithon aequinocliale, 368
gardineri, 368
onkodes, 368
Porphyra, 375
crispata, 412
Potamobius fluviatilis, 215
trowbridgii, 115
Prionace glauca, 108
Proboscidacyla circumsabella, 52, 58, 64–66
flavicirrata, 51, 52, 64–66
mutabilis, 66
occidentalis, 51, 52, 64–66
ornata, 65, 66
ornata var. *gemmifera*, 65, 66
ornata var. *stolonifera*, 63, 66
polynema, 63
stellata, 59, 64
Proceros concinnus, 220, 221
Procersterna cerulea saxatilis, 92
Protohydra, 62
Protoreaster, 244
nodosus, 254
Pseudobryopsis, 375
hainanensis, 393
mauritiana, 393
mucronata, 393
myura, 393
oahuensis, 393
papillata, 393
parva, 393
Pseudoceros bedfordi, 220
canadensis, 219
concinnus, 220–223
corallophilus, 223
maculosus, 219
splendidus, 219
superbus, 219
Pseudochlorodesmis furcellata, 395
Pseudo potamilla, 52
intermedia, 59, 62
myriops, 56

neglecta, 56, 62
ocellata, 56, 59
Pseudosquilla ciliata, 209–217
Pseudozius caystrus, 209–217
Psidium guajava, 169, 181
Psychocidaris, 245
Pteridium alleni, 76
Pteris tremula, 44
Pterocladia, 375
parva, 421
Pterodroma brevipes hypoleuca, 85, 90
Pugetomysis litoralis, 126, 127
Puffinus carneipes, 84
leucomelas, 84
nativitatis, 84, 85, 88, 90
pacificus, 88
pacificus chlororhynchus, 90
tenuirostris, 84
Pycnocraspedum, 80, 81
armatum, 71–73, 77, 80, 82
squamipinne, 80, 81
Ralfsia sp., 400
Rainfall, Objective Estimates of, 264
RANDALL, JOHN E., M. TAKATA and P. B. VAN WEEL:
On the Oxygen Consumption of Marine Crustacea, 209–218
Rattus bowersi, 14
norvegicus, 14, 16, 17, 20, 22
rattus, 14, 16, 17, 20
rattus alexandrinus, 86
Rauvolfia sandwicensis, 145
Records of Indo-Pacific Echinoderms, 243–263
Report on a Fatal Attack by a Shark, 105–108
Report on a Trip to Marcus Island with Notes on the Birds, 84–93
Research in Ground-Water Hydrology in Hawaii, 230–233
Review of Mrs. Sinclair's "Indigenous Flowers of the Hawaiian Islands." Hawaiian Plant Studies 23, 140–146
Rhipidosiphon javensis, 395
Rhipilia geppii, 367–368
Rhizoclonium kerneri, 386
Rhodomela radicans, 452
Rhopalostylis sapida, 37
Ritteriella, 276, 306
amboinensis, 121–124, 278, 281, 282, 306–308
picteti, 121–124, 281, 282, 306–312
Rosenvingea, 375
fastigiata, 404
nhatrangensis, 403
orientalis, 404
Rubus hawaiensis, 143
Sabella media, 59
Saccogaster, 70
ST. JOHN, HAROLD:
Review of "Indigenous Flowers of the Hawaiian Islands," 140–146
ST. JOHN, HAROLD and ROBERT W. KRAUSS:
Taxonomy of the Big Tree known as *Sequoia gigantea*, 341–358
Salpa, 276, 297
affinis, 284
africana, 300
africana-maxima, 300
amboinensis, 121, 307, 308
antarctica, 300
aspera, 297
asymmetrica, 295
bakeri, 287
bicaudata, 317
biensis, 312
bigibbosa, 315
birostratus, 300
caboti, 324
caudata, 283
chamissonis, 285, 300
clostra, 297
coerulea, 305
coerulescens, 305
confoederata, 315
confoederata-bicaudata, 317
confoederata-scutigera, 317
cordiformis, 326
cordiformis-quadratica, 326
cordiformis-zonaria, 326
costata, 314
costata-tilesii, 315
cristata, 283
cyanea, 283
cyanogaster, 323
cylindrica, 276, 304
democratica, 323
democratica-mucronata, 324
democratica var. *orientalis*, 324
dolicosoma, 289
dolicosoma-virgula, 289
dolium, 317
echinata, 298
elongata, 305
femoralis, 317
ferruginea, 317
floridana, 286
forskalii, 300
fusiformis, 121, 123, 280, 282, 297–300
fusiformis-runcinata, 298
garnotti, 305
gibba, 317
gibbosa, 315
henseni, 319
hexagona, 276, 312
informis, 317
infundibuliformis, 315
laevis, 317
lineata, 312
maxima, 121, 281, 282, 297, 300–304
microstoma, 326
monotoma, 312
mucosa, 283
mucronata, 323
multitentaculata, 319
multitentaculata-bicristata, 319
musculosa, 295
musculosa-punctata, 295
naepolitana, 300
nephodea, 317
nitida, 326
octophora, 317
pelagica, 283
picteti, 121, 308
pinnata, 283
pinnata var. *polae*, 283
polycratica, 326
proboscidalis, 283
punctata, 295
pyramidalis, 324
quadrangularis, 326

quadrata, 317
radiata, 319
retracta, 121, 308
rhomboidea, 324
rhomboides, 324
rostrata, 293
runcinata, 297
runcinata-fusiformis, 298
scutigera, 317
scutigera-confoederata, 317
socia, 317
spinosa, 323
thalia, 283
tilesii, 314
tilesii-costata, 315
triangularis, 312
tricuspidata, 326
unicuspidata, 326
vagina, 315
verrucosa, 319
virgula, 288–290
vivipara, 317
zonaria, 326
zonaria-cordiformis, 326
Santalum ellipticum, 143
pyrularium, 143
Sarcocara, 70
Sargassum, 374, 375, 376
crassifolium, 406
mcclurei, 406
polycystum, 406
sandei, 406
spp., 406–408
Scaevola frutescens var. *sericea*, 144
glabra, 143
kauaiensis, 143
Koenigii, 144
Schizobranchia, 52
insignis, 56
Schubertia? sempervirens, 343
Scutella latissima, 252
Sepia bandensis, 363
papillata, 363
pelagica, 365
tuberculata, 363
Sepiola stenodactyla, 364
Sepioteuthis arctipinnis, 365
lessioniana, 364–365
Sequoia gigantea, 341–357
religiosa, 343
sempervirens, 341–356
taxifolia, 343
washingtoniana, 344, 353, 356
Wellingtonia, 344, 351, 354–356
Sequoiadendron giganteum, 341, 343, 357
Seshania grandiflora, 145
tomentosa, 144
SHIMADA, BELL M.:
Distribution of the Big-Eyed Tuna in the Tropical Eastern Pacific, 234–235
Shunsennia tarsalis, 12
Sida fallax, 145
Sideroxylon macranthum, 168
SIMMONDS, N. W.:
Notes on Banana Varieties in Hawaii, 226–229
Smilax sandwicensis, 142
Solanum anthropophagorum, 39
aviculare, 38
incanum, 172
indicum, 172
sarmentosum, 172
uporo, 38
verbascifolium, 166, 172
viride, 38
Some Aspects of the Biology of the Aku, *Katsuwonus pelamis*, in the Hawaiian Islands, 94–104
Some Polyclad Flatworms from the Hawaiian Islands, 331–340
Some Results from the Swedish "Albatross" Cruise, 359–362
Spatangus brissus var. *latecarinatus*, 254
ovatus, 254
sternalis, 253
Sphacelaria furcigera, 400
novae-hollandiae, 400
tribuloides, 400
Sphaerococcus intricatus, 424
pedicellatus, 451
Spondias cytherea, 39
dulcis, 39
pinnata, 39
Spyridia, 375
filamentosa, 444
Steinhauera gigantea, 344, 345
sempervirens, 343
Stephanometra, 249
indica protectus, 249
spicata, 249
Stercorarius longicaudus, 85
pomarinus, 85
Sterna anaethetus anaethetus, 91
fuscata, 85, 87, 88
fuscata oahuensis, 91
hirundo longipennis, 90
lunata, 90
Stictocardia campanulata, 142
STIDD, CHARLES K.:
Objective Estimates of Hawaiian Rainfall, 264–275
Strongylodon lucidum, 142
Struvea, 375
anastomosans, 390
Studies in the Fruit Flies of the Philippine Islands, Indonesia, and Malaya. Part I. Dacini (Tephritidae–Diptera), 147–204
Stylochoplana inquilina, 331
Sula cyanops, 89
dactylatra personata, 89
leucogaster plotus, 89
piscator, 89
sula rubripes, 89
Symplectoteuthis oualaniensis, 365
Symploca hydnoides, 379, 380
Syntomosphyrum indicum, 165, 166
Taenioma perpusillum, 451
Taenioplana teredini, 331
TAKATA, M., P. B. VAN WEEL, and JOHN E. RANDALL:
On the Oxygen Consumption of Marine Crustacea, 209–218
Taxodium giganteum, 344, 354
nootkatensis, 349, 350
sempervirens, 343, 349
Washingtonium, 344, 351, 353–356
Taxonomic Position and the Scientific Name of the Big Tree known as *Sequoia gigantea*, 341–358
Taxonomy of the Salpidae (Tunicata) of the Central Pacific Ocean, 276–330

Terminalia catappa, 39
glabrata, 39
Terpios zeteki, 339
TESTER, ALBERT L., AND SHIRLEY M. TREFZ:
The Food of the Aholehole, *Kuhlia sandvicensis* (Steindachner), in Hawaiian Waters, 3–10
Tethya diploderma, 339
Tetragonia expansa, 39
halmifolia, 39
Tetraplatia, 62
Thalasseus bergi cristatus, 90
Thalassia hemprichii, 376, 377
Thalia, 276, 323
democratica, 278, 279, 281, 295, 323–326
lingulata, 323
longicauda, 281, 282
mucronata, 324
Theragra chalcogramma, 131, 133, 137
Thespesia populnea, 142
Thetys, 276, 314
vagina, 277, 280, 281, 314–317
Three Pacific Species of "Lar" (Including a New Species), Their Hosts, Medusae, and Relationships (Coelenterata, Hydrozoa), 51–67
Thysanoessa inermis, 137
longipes, 137
raschi, 136–137
Thysanopoda dubia, 138
raschii, 136
Timea parasitica, 338
squamata, 338
tetractis, 338
xena, 338
Titanophora, 374
calcareum, 435
incrustans, 435
mauritianum, 435
pikeana, 435
pulchra, 434
weberi, 435
Tolypiocladia glomerulata, 452
TOSHIOKA, SEIICHI AND E. W. JAMESON, JR.:
Notes on Some Chiggers (Acarina: Trombiculidae) from Southern Korea, 11–27
Toxadocia violacea, 338
Traustedtia, 276, 319
multitentaculata, 280, 282, 319–323
TREFZ, SHIRLEY M., AND ALBERT L. TESTER:
The Food of the Aholehole, *Kuhlia sandvicensis* (Steindachner), in Hawaiian Waters, 3–10
Tribulus cistoides, 144
Trichosanthes anguina, 165
Tringa incana incana, 90
Tripneustes, 250
gratilla, 250
Trombicula
(Leptotrombidium)
akamushi, 19
burnsi, 17
hiranumai, 12, 18
insolli, 20
intermedia, 17
lanceolata, 17
murotoensis, 17
myotis, 12, 19
orientalis, 12, 16
pallida, 12, 17
palpalis, 12, 14
russica, 20
subakamushi, 12, 20, 21
subintermedia, 12, 17, 18
(Neotrombicula)
japonica, 12, 22
microti, 22
nagayoi, 12, 22
pomeranzevi, 22
sp., 12, 22
tamiyai, 12, 20
Trybliographa daci, 165, 166
Turbinaria, 374
ornata, 405
Tylocidaris, 245
Udotea, 375
javensis, 376, 395
Ulva, 374
dichotoma, 401
intestinalis, 383
lactuca, 383
sinuosa, 402
Valonia, 375
aegagropila, 376, 382, 388
forbesii, 388
ventricosa, 382, 388
VAN WEEL, P. B., JOHN E. RANDALL, AND M. TAKATA:
On the Oxygen Consumption of Marine Crustacea, 209–218
Vespertilio superans, 20
Vigna lutea, 144
marina, 144
Vitex trifolia var. *simplicifolia*, 144
trifolia var. *unifoliata*, 144
Volcanus, 78, 81
lineatus, 71–73, 77–80
VOSS, GILBERT L.:
Decapodous Cephalopod Mollusks from the Marshall Islands, 363–366
Waltheria americana, 144
Washingtonia Americana, 344
Californica, 344, 351, 353–356
Weelia, 276, 304
cylindrica, 281, 282, 304–306
Wellingtonia gigantea, 343–356
Willia occidentalis, 60
pacifica, 65
stellata, 51, 65
WOODWARD, T. E.:
On the Genus *Felisacus* Distant (Heteroptera; Miridae; Bryocoriuae), 41–50
Wrangelia argus, 444
Wurdemannia miniata, 424
YAMAGUCHI, Y. *et al.*:
Fishes Killed by the 1950 Eruption of Mauna Loa I. The Origin and Nature of the Collections, 23–27
YOUNT, JAMES L.:
The Taxonomy of the Salpidae (Tunicata) of the Central Pacific Ocean, 276–330
Zenocentrotus, 244
Zonaria variegata, 400
Zostera uninervis, 376